

**ABSTRACT OF THE DISCLOSURE**

A method for transmitting a route request in an *ad-hoc* network having master nodes and slave nodes includes transmitting the route request to the master nodes of the network via a unicast transmission and transmitting a reply identifying the route. Each node of the network which receives the request performs a route request algorithm. The algorithm  
5 may be implemented in the network layer of the device protocol stack or in the link layer of the device protocol stack.